

### ABSTRACT OF THE DISCLOSURE

Apparatus and methods are provided for actuation of downhole tools. In  
5 one example, a deep set safety valve uses a magnetic coupling which permits a  
portion of the safety valve at control line pressure to be isolated from tubing  
string internal pressure, without requiring the use of a dynamic seal  
therebetween. A piston of the safety valve may be displaced in response to a  
differential between control line pressure and pressure in an annulus  
10 surrounding the tubing string, pressure in another control line, or pressure in the  
tubing string. Other types of well tools may benefit from actuation using  
principles of the invention.